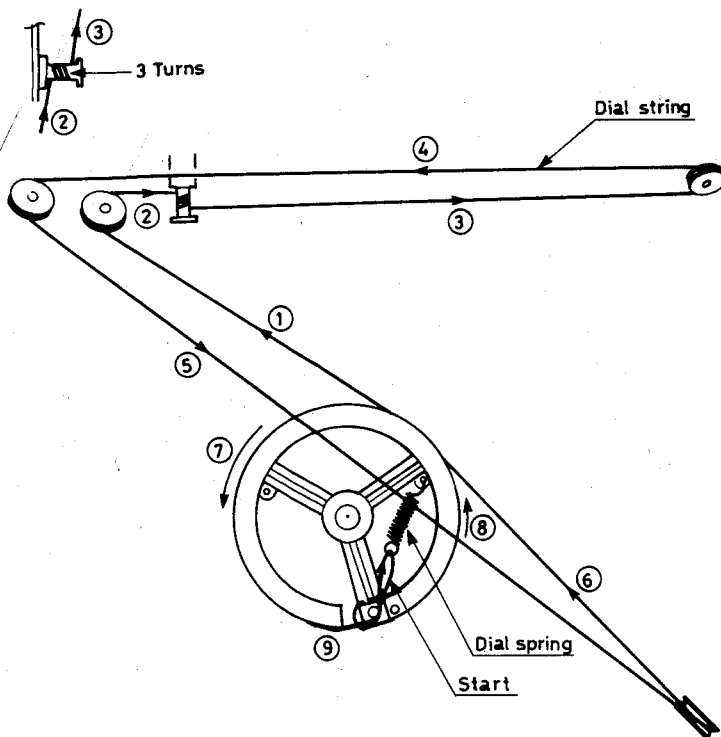

Serviceanweisung

Service manual

AV 54 RC

Ident-Nr. 1582900-610

Seilzugführung Stringing diagram

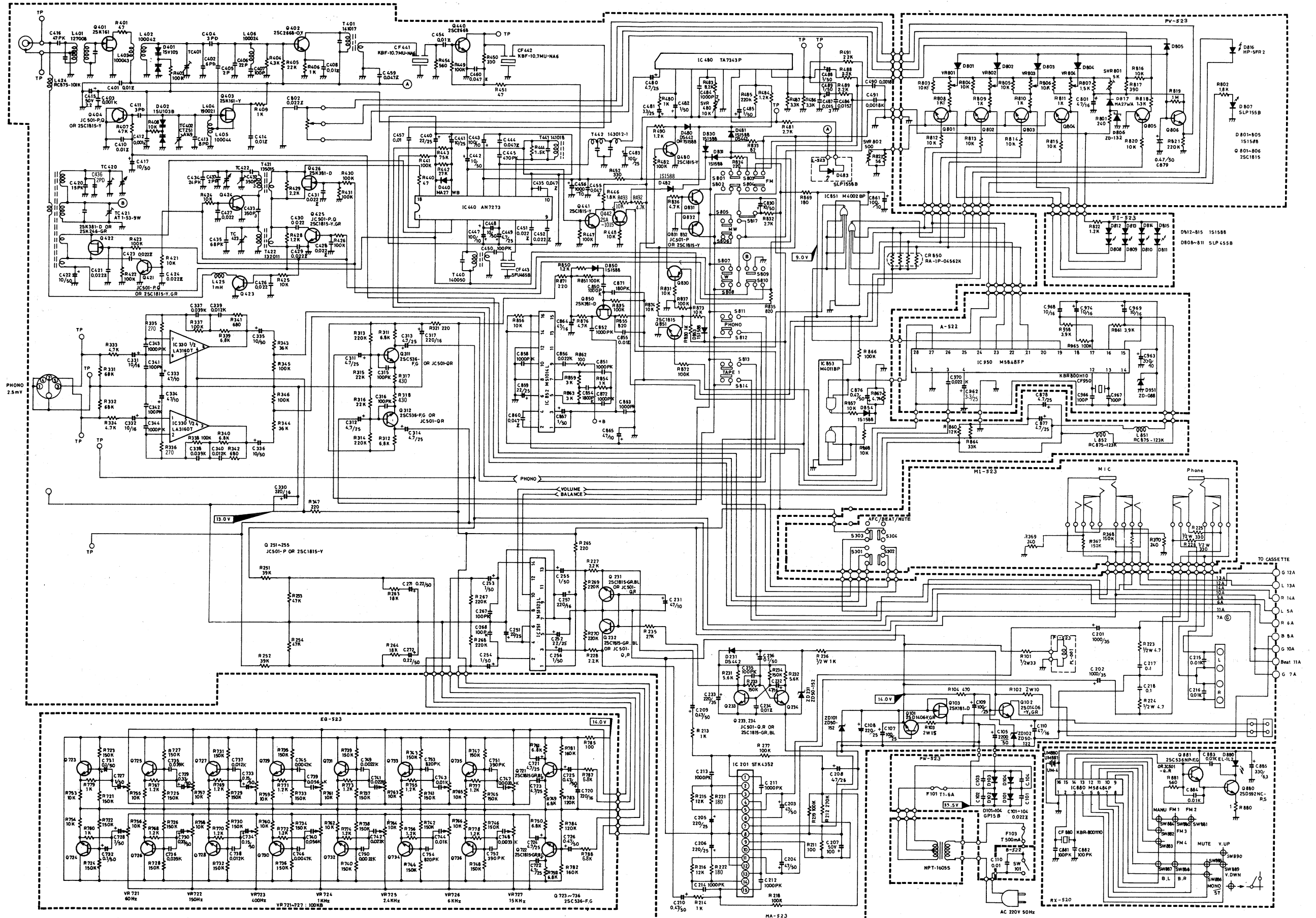


NOTES
Dial String Length
150 cm

Länge: 150 cm

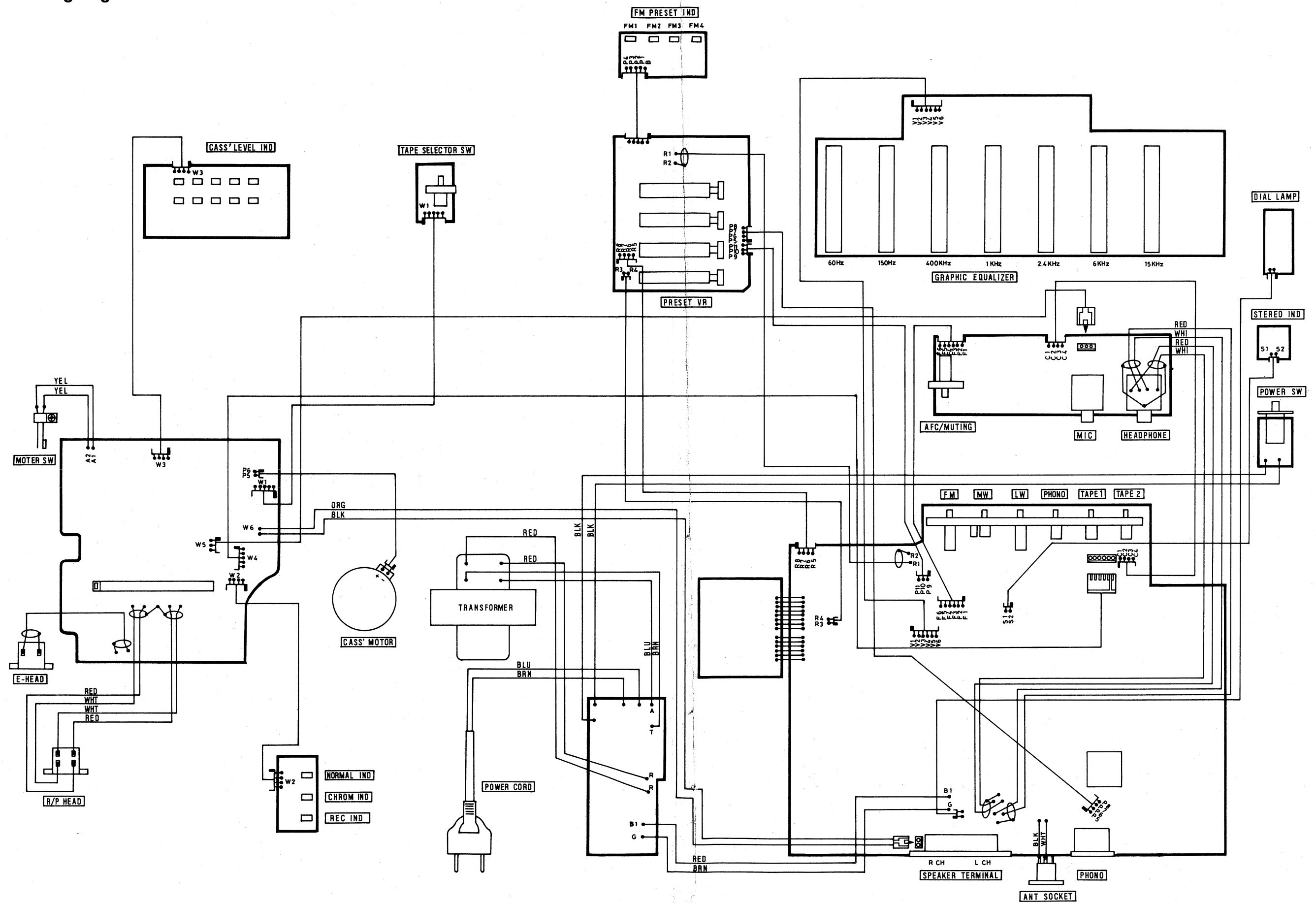
Bestell-Nr./Part No.	Bezeichnung	Description	Position
24 930 00-3502	Fernbedienung-Geber	Remote control colinal	
26 238 00-431	Frontteil colinal	Frontpanel colinal	
24 934 00-4252	Skalenabdeckung	Tinted window	
26 239 00-4252	Skalenscheibe	Dial skale	
24 936 00-4271	Skalenzeiger	Dial pointer	
24 940 00-4281	Knopf Dreh 34 ohne Rast colinal	Knob Tuning 34 colinal	
24 941 00-4282	Knopf Taste colinal	Push button colinal	
24 942 00-4284	Knopf Schieberegler colinal	Slide knob colinal	
24 943 00-431	Abdeckung Cass.-Fach	Cassette Glass	
24 944 00-4312	Cassettenfachdeckel colinal	Cassette Case colinal	
24 946 00-4282	Klaviertaste breit colinal	Cassette button L colinal	
24 947 00-4282	Klaviertaste schmal colinal	Cassette button S colinal	
24 240 00-4186	Abstimmachse	Tuning shaft	
24 951 00-4273	Seilrad	Dial drum	
24 952 00-4273	Seilrolle	Pulley	3
24 953 00-4274	Seilrolle	Pulley	1
24 954 00-4162	Zugfeder Skalenseil	Dial spring	
26 247 00-500	Gr.-Pl.	Main P.C.B.	
26 248 00-500	Equalizer-Pl.	Equalicer P.C.B.	
26 249 00-500	Netzteil-Pl.	Power P.C.B.	
26 250 00-500	Buchsen-Pl.	Socket P.C.B.	
26 251 00-500	Speicher-IR-Platine	Storage P.C.B.	
26 252 00-500	Anzeige-Pl. Speicher	Indication P.C.B. Storage	
26 253 00-500	Beleucht.-Pl.	Lamp P.C.B.	
26 254 00-500	LED-Pl. Stereo	LED P.C.B. stereo	
26 255 00-500	A.-W.-Pl.	Rec./Playb. P.C.B.	
26 256 00-500	Aufnahmeverst.-Pl.	Rec. lekel. P.C.B.	
26 257 00-500	Anzeige-Pl. Cassette	Indication P.C.B. tape	
26 033 00-500	Logik-Pl.	Logic P.C.B.	

Schaltbild Rundfunk circuit diagram receiver

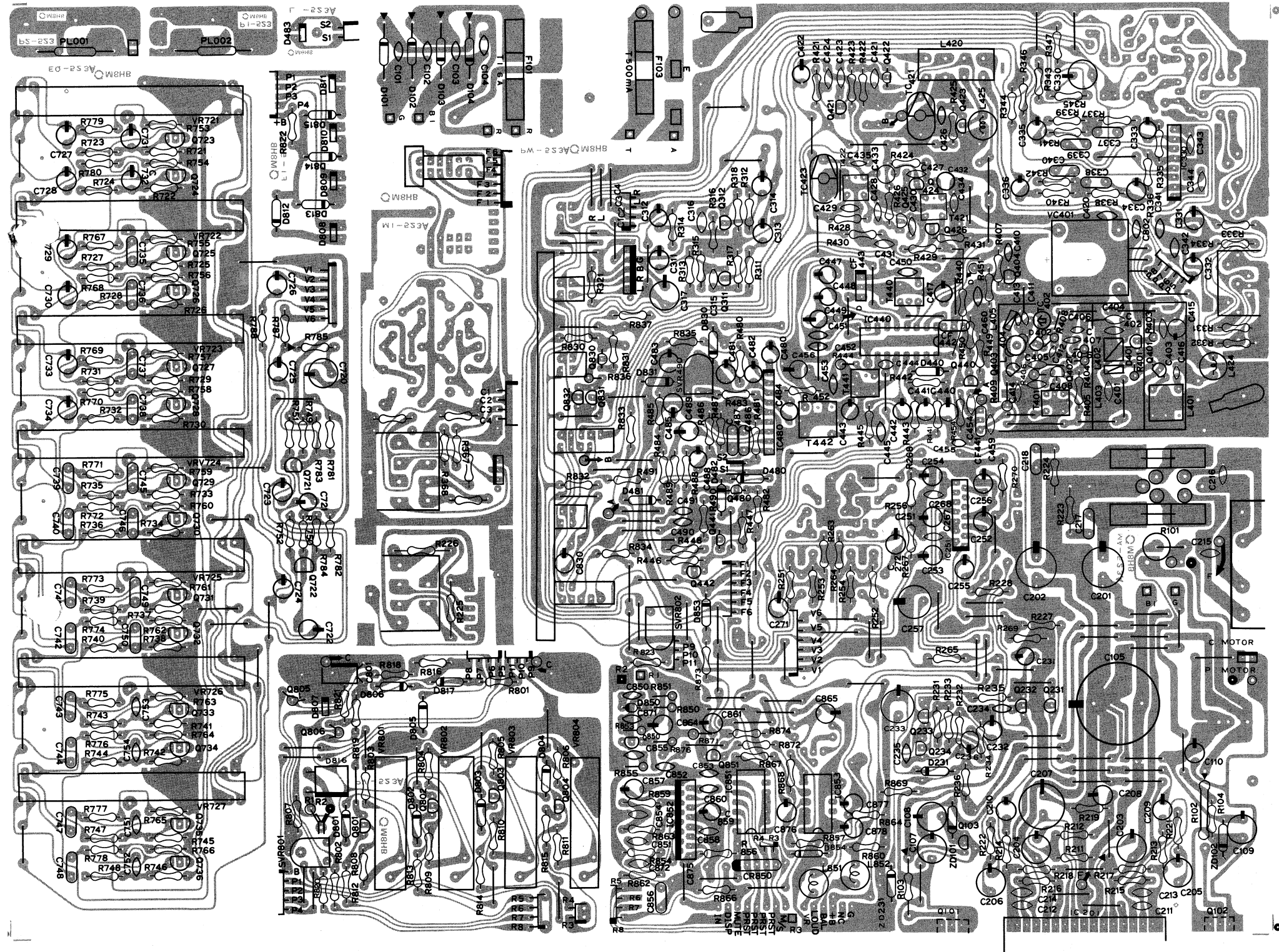


Verdrahtungsplan

Wiring diagram



Rundfunk-Platinen
Receiver P.C.B.



Bestell-Nr./Part No.	Bezeichnung	Description	Position
24 955 00-301	Trans 2 SK 161 Y		
24 956 00-301	Trans 2 SC 2668 Y		
24 957 00-301	Trans 2 JC 501 PQ		
12 947 00-301	Trans 2 SC 1815 Y, GR		
24 958 00-301	Trans 2 SK 381 D		
24 959 00-301	Trans 2 SK 246 GR		
12 939 00-301	Trans 2 SA 1015 Y		
13 545 00-301	Trans 2 SC 536 G, H		
24 960 00-301	Trans 2 SD 1406 Y, GR		
24 961 00-301	Trans 2 SC 2230		
13 947 00-301	Trans 2 SC 592 NC		
24 963 00-302	IC AN 7273		IC 440
24 964 00-302	IC TA 7343		IC 480
24 965 00-302	IC M 4011 BP		IC 853
24 966 00-302	IC M 4002 BP		IC 851
24 967 00-302	IC M 51014 L		IC 852
24 968 00-302	IC M 5848 5P		IC 950
13 943 00-302	IC LA 3160 T		IC 330
24 969 00-302	IC M 51523 L		IC 251
24 363 00-302	IC STK 4352		IC 201
26 241 00-302	IC TA 7668 AP		IC 501
21 756 00-302	IC LB 1403		IC 701, 702
24 971 00-302	IC M 5848 4P		IC 880
24 972 00-3043	Diode SV 103 B		D 401, 2
13 951 00-304	Diode MA 27 W		
24 973 00-304	Diode 1S 1588		
14 049 00-304	Diode DS 442		
24 975 00-304	Diode GP 15 B		
24 976 00-3044	Zenerdiode ZD 50-132		D 806
24 977 00-3044	Zenerdiode ZD 50-122		D 102
24 978 00-3044	Zenerdiode ZD 50-088		D 951
26 242 00-3044	Zenerdiode ZD 50-107		D 601
24 981 00-3044	Zenerdiode ZD 50-152		D 101
21 746 00-3045	Leuchtdiode SLP 155 B rot	LED SLP 155 B red	
24 983 00-3046	Diode-IR Sender		D 880
24 984 00-3046	Diode-IR Empfänger		D 816
24 985 00-3253	FM-Antennenspule	FM ANT Coil	L 401
24 986 00-3253	Spule FM-HF	RF Coil	L 402
24 987 00-3253	Spule FM-HF	RF Coil	L 403
24 988 00-3253	Spule Osz.-FM	RF Osc. Coil	L 404
24 989 00-3253	Spule Osz.-FM	FM Osc. Coil	L 405
24 990 00-3253	Filter FM	FM IFT	T 401
24 991 00-3253	Drossel	Inductor	L 406
24 992 00-3231	Ferritantenne kompl.	Loopstick ANT.	L 420
24 993 00-3253	Spule Osz. MW	MW Osc. coil	T 421
24 994 00-3253	Spule Osz. LW	LW Osc. coil	T 422
24 995 00-3252	Filter Keramik 10.7 MHz	Ceramic filter 10.7 MHz	CF 4412
24 996 00-3252	Filter Keramik SFU 465 B	Ceramic filter SFU 465 B	CF 443
24 997 00-3252	Filter AM	AM IFT	T 440
24 998 00-3252	Filter FM	FM IFT	T 441
24 999 00-3252	Filter AM	Filter coil	T 442
26 243 00-3253	Spule Lösch-Osz.	Coil Osc.	L 601
26 003 00-3252	Filter Keramik	Ceramic filter	CF 950
26 004 00-317	Drehkondensator	Variable capacitor	VC 401
26 005 00-3291	Lampe Skala	Lamp scale	PL 001
26 244 00-3243	Netztrafo	Power transformer	
26 007 00-323	Spindelpoti 100 k Speicher	Rotary potentiometer storage	VR 801-4
26 008 00-3222	Schieberegl. 100 k	Slide potentiometer	VR 721-27
26 010 00-3273	Equalizer	Equalizer	
26 245 00-3276	Netzschalter	Power switch	SW 101
26 246 00-3276	Tastensatz 5fach	Push switch	S 801-17
26 013 00-3274	Tastensatz 2fach	Push switch	S 301-6
26 014 00-3276	A/W Schiebeschalter	Slide switch rec/pb.	S 501
26 015 00-3277	Tipptaste Fernbed.	push switch tape select.	S 502
26 016 00-3324	Buchse-Kopfhörer	Light-touch switch	SW 880-89
26 017 00-3326	Buchse-Mikrofon	Jack headphone	
26 018 00-3322	Buchse-Dioden 5 pin	DIN Jack pin	
26 019 00-3321	Buchse-Antennen koaxial	Socket antenna coaxial	
26 020 00-3325	Buchse-Lautsprecher	Socket speaker	

Schaltbild Cassette circuit diagram cassette

IC / TRANSISTOR CONNECTIONS (TOP VIEWS)

IC440 AN7273									
4.8	0.5	0.5	0	0.3	4.9	4.9	4.9		
1	2	3	4	5	6	7	8	9	
18	17	16	15	14	13	12	11	10	
0.5	1.5	1.5	0	5.3	1.5	0	0	4.6	

IC480 TA7343P									
3.5	9.9	11.2	10.2	0	13.1	11.1	4.2	4.2	
1	2	3	4	5	6	7	8	9	

IC852 M51014L									
0.7	0	2.6	2.6	1.9	8.2	0	0		
1	3	5	7	9	11	13	15		
2	4	6	8	10	12	14	16		
2.6	2.6	2.7	0	1.1	0	8.8	0.1		

IC330 LA3160T									
1.3	0.8	4.7	12.9	0	4.6	0.8	1.3		
1	2	3	4	5	6	7	8		

25C2458 Q351, 352
25D1406 Q101, 102
25C2230 Q602
25D592NC Q601, 880

IC501 TA7668AP									
0	8.4	0	3.5	1.3	1.3	0	0		
1	2	3	4	5	6	7	8		
16	15	14	13	12	11	10	9		
10.2	0	0	3.5	1.3	1.3	0	0		

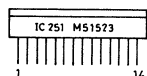
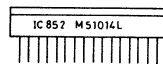
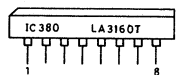
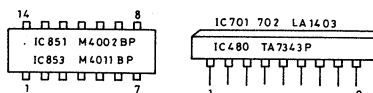
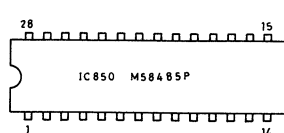
151588 D480~482, 830, 831, 801~805,
812~815 850, 853, 854, 731,
501

	B	C	E
	(G)	(D)	(S)
Q401	0	14.4	0
Q402	2.3	14.7	1.6
Q403	0	9.6	0
Q440	0.7	3.9	0
Q311	1.2	6.8	0.6
Q850	0	7.0	1.3
Q771	5.7	13.6	5.1
Q735	6.7	13.6	6.1
Q101	27.4	14.6	
Q102	26.8	11.6	
Q601	—	10.7	0.3
Q880	0	3.0	0
Q103	15.2		15.2
Q351	0.6	4.1	0

25K161 Q401, 403
25C2668 Q402, 440
25C1815 Q441, 480, 801~806
851, 721, 722
JC 501 Q831, 832, 404, 421~425
301, 302, 723~736, 311
312, 731~734, 501~505,
881
25A1015 Q442, 830
25K381 Q422, 426, 850, 103

IC251 M51523L									
11.4	2.8	7.2	0	0	0	2.8			
1	3	5	7	9	11	13			
2	4	6	8	10	12	14			
3.2	6.5	6.5	2.5	3.2	0	3.2			

IC201 STK4352														
7.9	7.5	0	0	15.9	3.7	32.7	0	31.8	3.7	15.9	0	0	7.5	7.9
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15



EL-1L2 D880
SLP-155B-40 LD501~503 701~710
ZD50-107 ZD601
ZD50-122 ZD102
ZD50-152 ZD231, 101
ZD50-132 D806
ZD50-057 ZD251

15V103 D401, 402
MA27W D440, 817
SLP-155B D483, 801
HP-5FR2 D816

25D1406

25K161

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

25K381

25C2668

25C2458

25C2230

25D592NC

JC 501

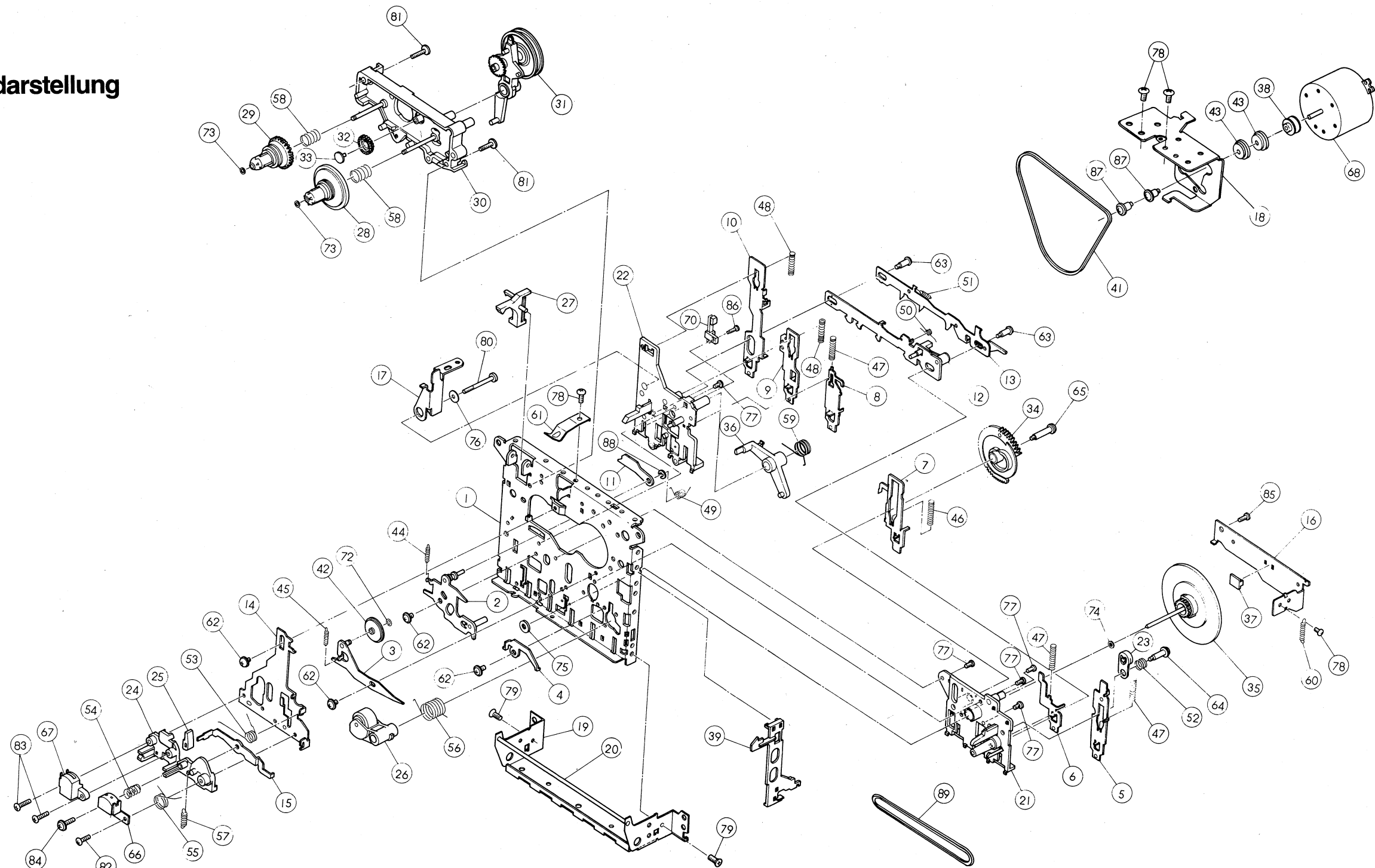
25K381

25C2668

25C2458

25

Explosionsdarstellung
Exploded
Cassette



Bestell-Nr./Part No.	Bezeichnung	Description	Position
26 258 00-500	Laufwerk kpl.	Cassette mechanism	
24 402 00-4296	Schalthebel	Shift arm ass'y	2
24 403 00-429	Zwischenradarm	idler arm ass'y	3
24 404 00-4296	Schalthebel Pause	pause arm	4
24 405 00-429	Pausenrasthebel	pause cam	23
24 406 00-429	Kopfträgerplatte	head base	24
24 407 00-429	Stoppfühler	sensor cap	25
24 408 00-501	Bandandruckrolle kpl.	P roller arm ass'y	26
24 409 00-4197	Aufnahmesperrhebel	record sensor	27
24 410 00-429	Wickelteller rechts	T reel ass'y	28
24 411 00-429	Wickelteller links	S reel ass'y	29
26 039 00-429	Rutschkupplung	clutch arm ass'y	31
24 413 00-429	Zahnrad Vorlauf	FF geor	32
24 414 00-429	Nietbolzen Zahnr. Vorlauf	Bush	33
24 415 00-429	Zahnrad Start/Stop	Gear	34
26 259 00-4189	Schwungmasse	Fly wheel	35
24 417 00-419	Rasthebel	Look arm	36
24 418 00-429	Schwungmasselager	Capstan spacer	37
26 260 00-429	Motorpulley	Motor pulley	38
24 420 00-429	Hebel eject	eject lever	39
13 928 00-501	Fachdämpfer kpl.	Air Damper	
26 034 00-416	Feder Cassettenfach	Case Spring	
26 035 00-416	Feder Aufnahme	Rec. Spring	
26 036 00-4272	Zählwerk	Counter	
26 037 00-4152	Zählwerkriemen	Counter belt	89

Bestell-Nr./Part No.	Bezeichnung	Description	Position
26 261 00-4152	Antriebsriemen B	Belt B	41
24 423 00-429	Zwischenrad	play idler	42
24 424 00-4151	Gummipuffer Motor	Motor cushion	43
24 425 00-416	Feder Schalthebel	shift arm spring	44
24 426 00-416	Feder Zwischenradarm	idler spring	45
24 427 00-416	Feder Aufnahmehebel	rec. lever spring	49
24 428 00-416	Feder Kopfschlitten	head chassis spring	53
24 429 00-416	Feder A/W-Kopf	head spring	54
24 430 00-416	Feder BA-Rolle A	P roller spring A	55
24 431 00-416	Feder BA-Rolle B	P roller spring B	56
24 432 00-4162	Zugfeder Kopfschlitten	Head chassis return spring	57
24 433 00-416	Feder Wickelteller	Back tension spring	58
26 047 00-416	Feder Rasthebel	Lock arm spring	59
24 435 00-416	Feder Hebel Eject	eject lever spring	60
24 436 00-416	Cassettenandruckfeder	Pack spring	61
26 048 00-32831	A/W-Kopf	R/P head	66
26 049 00-32831	Löschkopf	Erase head	67
26 050 00-32831	Antriebsmotor	Motor	68
24 440 00-327	Schaltkontakt	Lead switch	70
24 441 00-406	Scheibe Wickelteller	Polyslider washer	73
24 442 00-406	Scheibe Schwungmasse	Polyslider washer	74